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U.S. PTO

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. HSJ920040016US1

First Inventor Hoa Van Do

Title MAGNETIC RECORDING DISK WITH ANTFERROMAGNETICALLY-COUPLED
MAGNETIC LAYER HAVING MULTIPLE LOWER LAYERS

Express Mail Label No. EL 995203080 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 16]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Pages 3]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: /

Prior application information: Examiner: Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
Name	Thomas R. Berthold			
Address	18938 Congress Junction Ct.			
City	Saratoga	State	CA	Zip Code 95070
Country	USA	Telephone	(408) 396-8411	Fax (408) 904-6605

Name (Print/Type)	Robert B. Martin	Registration No. (Attorney/Agent)	26,945
Signature	Robert B. Martin		Date 2/26/04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

810.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Hoa Van Do
Examiner Name	
Group Art Unit	
Attorney Docket No.	HSJ920040016US1

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **502587**
Deposit Account Name **Hitachi Global Storage Technologies**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
1001	770	2001	385 Utility filing fee	770.00
1002	340	2002	170 Design filing fee	
1003	530	2003	265 Plant filing fee	
1004	770	2004	385 Reissue filing fee	
1005	160	2005	80 Provisional filing fee	

SUBTOTAL (1) (\$)

770.00

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
15	2	-20**	= 0	X 18.00 = 0.00
		-3**	= 0	X 86.00 = 0.00
Multiple Dependent				

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
1051	130	205	65 Surcharge - late filing fee or oath	
1052	50	227	25 Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130 Non-English specification	
1812	2,520	147	2,520 For filing a request for ex parte reexamination	
1804	920*	112	920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
1251	110	215	55 Extension for reply within first month	
1252	420	216	205 Extension for reply within second month	
1253	950	217	465 Extension for reply within third month	
1254	1,480	218	725 Extension for reply within fourth month	
1255	2,010	228	985 Extension for reply within fifth month	
1401	330	219	160 Notice of Appeal	
1402	330	220	160 Filing a brief in support of an appeal	
1403	290	221	140 Request for oral hearing	
1451	1,510	138	1,510 Petition to institute a public use proceeding	
1452	110	240	55 Petition to revive - unavoidable	
1453	1,330	241	650 Petition to revive - unintentional	
1501	1,330	242	650 Utility issue fee (or reissue)	
1502	480	243	235 Design issue fee	
1503	640	244	310 Plant issue fee	
1460	130	122	130 Petitions to the Commissioner	
1807	50	123	50 Processing fee under 37 CFR 1.17(q)	
1806	180	126	180 Submission of Information Disclosure Stmt	
8021	40	581	40 Recording each patent assignment per property (times number of properties)	40
1809	770	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	279	375 Request for Continued Examination (RCE)	
1802	900	169	900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

40.00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert B. Martin	Registration No. (Attorney/Agent)	26,945	Telephone	(408) 717-5485
Signature	<i>Robert B. Martin</i>			Date	2/26/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents and Trademarks, Alexandria, VA 22313-1450.

"Express Mail" no.: EL 995203080 US

Date of Deposit: 02/26/04

Person mailing paper/fee: Mary Lou Domenici

Signature M. Domenici